

No. 16th RA bill

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

BR20000 77/23-24

07/12/2023

Division: Electrical (Dasarahalli)

JOB NO :012-22-000004

Sub-Division: Electricals

Head of Account: P0300 M & R to street lights-Replacement of burnt bulbs etc

Bill Received No. Dated Book Voucher No. Dated...

Schedule Docket Name of Work :- Annual Maintenance of street lights package D-1 in Kammagondanhalli
Surrounding Area ward no 12

Bill Period:01.11.2023 to 30.11.2023(1 Months)

Name of Contractor and Full Address:- M/s. CHIKKANNA G(CHETHAN ELECTRICALS)

Date:31.03.2022

Reference to Agreement No:- EE/Elc/DZ/TEND/AG/000009/21-22

Date:04.04.2022

Reference to Work order No:- EE/Elc/DZ/TEND/WO/000001/22--23

Date:24.03.2023

Reference to Supplementatry Agreement No: EE/Elc/DZ/TEND/SAG/21/22-23

Date:24.03.2023

Reference to Supplementatry Work order No:- EE/Elc/DZ/TEND/SWO/27/22--23

Certified that the measurements were taken by me on 02/12/2023 and recorded of Pages 68458 to 68458 of measurement Book No. 6846 And that the work is satisfactorily executed.

Contractor

Assistant Engineer (Ele) work

Certified that the measurement were taken by me on 04/12/2023 and found correct. The work is satisfactorily executed.

Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-Division Officer

ASST. EXECUTIVE ENGINEER (Ele)

Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

1) Total value of work done or supplies made as per account within	213165 = 00
2) Deduct amount to be held in reserve being percent Rs.....	452775 = 00
3) " Balance	Present bill 213165 = 00
4) Deduct Payment:	207102 = 00
a) Amount of previous payment as in the Office Cash Book Voucher	TWO
No.....Dated.....S.D. No.....	Amount adjusted towards
cash advance recovery of	IT (1) 2071 = 00
b) Payments } cost store or other material supplied.	CERT (1) 2071 = 00
Now made } recovery of amount creditable to this/other work	SUST (1) 2071 = 00
Amount paid on this bill Cheque / Cash.	LWC (1) 2071 = 00
5) Balance being unpaid value of work done held in reserve.	CBF (1) 207 = 00
6) Deduct cash advance made on the Office cash Book Voucher No.....	Fine 1800 = 00
dated.....less adjustments.	SC (1) 4268 = 00
7) Net amount due to or from Contractor	un adjustments items
8) Advance to Contractor for materials brought to site (as detailed) within. Value of	14554 = 00
Government materials supplied.	Total amount adjusted - 198611 = 00

Contractor's Signature

Received Rs..... (in words).....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness

1.

2.

Dated

Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Received and admitted for Rs. 213165/-

Passed by Cheque for Rs. 198611/-

(For use in the Office)

One lakh thirty eight thousand six hundred eleven only

by adjustment Rs. 14554/-

Accounts Superintendent

Exe. Engineer (Ele)

B.B.M.P. Dasarahalli Division

Sl. No.	Description of item	Unit
	Name of work:- Annual Maintenance of street lights package D-1 in Kannaganadhalalli Surrounding Area ward no 12	
1	Operation and Maintenance of street lighting system including replacement of damaged/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 36/40 W fluorescent tube light for street lighting system.	Each
2	Operation and Maintenance of street lighting system including replacement of damaged/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 125W HPMV Park lighting system.	Nos
3	Operation and Maintenance of street lighting system including replacement of damaged/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below Poles with 250W HPSV street lighting system.	Each
4	Operation and Maintenance of street lighting system including replacement of damaged/fused out components like LED drivers, MCPB, surge protective device, switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and, switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise street light data bank, furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system.	Each
5	Operation and Maintenance of LED street lighting system including replacement of damaged/fused out components like LED drivers, MCPB, surge protective device, switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and, switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise street light data bank, furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street light lighting system.	Each
6	Operation and Maintenance of LED street lighting system including replacement of damaged/fused out components like LED drivers, MCPB, surge protective device, switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and, switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise street light data bank, furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system.	Each

Measurement	Present Measurement			Total Upto Date		Remarks
	Cost	Qty.	Rate Rs. P.	Amount	Qty	
			1 Months		Upto Date paid so for X 20months	
21705.60	20	685.45/12= 57.12	57.12	1142.40	320X20Months	22848.00
26342.36	22	756.29/12= 63.02	63.02	1386.44	22X20Months	27728.80
2873009.00	1780	1019.4/12= 84.95	84.95	151211.00	1780X20Months	3024220.00
141618.40	80	1118.08/12 =93.17	93.17	7453.60	80X20Months	149072.00
5573.08	4	880.01/12= 73.33	73.33	293.32	4X20Months	5866.40
635806.50	350	1147.43/12 =95.61	95.61	33463.50	350X20Months	669270.00
196308.00	90	1377.66/12 =114.80	114.80	10332.00	90X20Months	206640.00

8	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPB, surge protective device, switches, wires, holders, starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 110/120 watt LED street light lighting system	Nos
9	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPB, surge protective device, switches, wires, holders, starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /High mast lighting system	Nos
10	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility 300mmx450mmx214mm	Each
11	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc. complete with AC-3 Rating and as per IS-13947 100 to 125Amps	Each
12	Supplying and fixing miniature circuit breakers on existing MCE distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898.50-63 Amps	Each
13	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers	Each
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 conforming to latest amendments & sqmm	Mtr
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes & sqmm	Each
Sub Total		
Add GST 18%		
Total		
Fine imposed for non burning of street lights For the period of 01.11.2023 to 30.11.2023 and GPS time violation. Penalty for the present bill		
As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material		
GRAND TOTAL		

1. The above said monthly maintenance work has been carriedout satisfactorily
2. The Amount Claimed in this bill has not been claimed in any of the previous bill

Assistant Engineer (Ele)
Bruhat Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST EXECUTIVE ENGINEER (Ele)
Bruhat Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

0.00	0	0.00	0.00	0.00	0	0.00
0.00	0	0.00	0.00	0.00	0	0.00
51270.00	0	0.00	5127.00	0.00	10	51270.00
259200.00	0	0.00	7200.00	0.00	36	259200.00
28920.00	0	0.00	723.00	0.00	40	28920.00
153140.00	0	0.00	4030.00	0.00	38	153140.00
1190.00	0	0.00	70.00	0.00	17	1190.00
1260.00	0	0.00	7.00	0.00	180	1260.00
4247539.71				205282.26		4428188.10
280175.66	-12%	24633.87		180648.39		312692.37
4527715.38	18%	32516.71		213165.10		4740880.47
38200.00				1800.00		40000.00
79169.97				4263.30		83433.27
4410345.41				207101.80		4617447.21